

BASF Corporation

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MR 268837

Sanitized Version

August 5, 2003

Attention: 8(e) Coordinator
U. S. Environmental Protection Agency
Document Control Officer
Office of Pollution Prevention and Toxic Substances, 7407
1200 Pennsylvania Avenue, NW
Washington, DC 20460

MANDATORY SANITIZED

Ladies and Gentlemen:

Subject: Notice in accordance with Section 8(e): Results of an acute oral toxicity study with the experimental insecticide Phenylacrylic Acid Methyl Ester in Wistar rats

BASF Corporation is submitting results of an acute oral toxicity study with the experimental insecticide Phenylacrylic Acid Methyl Ester (no CASRN established) in Wistar rats conducted by BASF Aktiengesellschaft, Ludwigshafen, Germany. Single doses of 100, 50 and 25 mg/kg body weight of test material preparations in olive oil Ph.Eur./DAB were given to three administration groups of three fasted female animals, each, by gavage.

Results:

Rat, Oral, LD50 < 25mg/kg body weight.

Clinical observation of the animals revealed impaired general state, dyspnea, staggering, piloerection, smeared fur and diarrhea. Observations during necropsy the animals showed the following:

100 mg/kg:	Lung: edema in all lobes Fore- and Glandular stomach: few to several black and white erosions/ulcera up to 4 mm diameter Small intestine: red diffuse discoloration
50 mg/kg:	Lung: edema in all lobes Glandular stomach: few black erosions/ulcera up to 3 mm diameter Small intestine: red diffuse discoloration
25 mg/kg:	Lung: red diffuse discoloration and edema in all lobes Glandular stomach: many black erosions/ulcera up to 2 mm diameter Small intestine: red diffuse discoloration

Although the findings are not considered to present a substantial risk to human health or the environment, BASF Corporation understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy. Please note that a sanitized version of this letter is enclosed, treating the chemical identity as confidential business information. The information considered confidential is highlighted, in accordance with U.S. EPA policy. The confidential chemical name is referred to as "Phenylacrylic Acid Methyl Ester" and a confidentiality substantiation letter is enclosed.

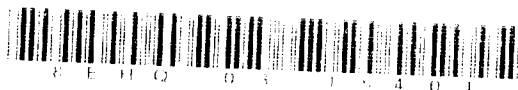
Very truly yours,

BASF CORPORATION

Edward J. Kerfoot

Edward J. Kerfoot, Ph.D.

Director, Toxicology and Product Regulations



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Enc.



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